

BMD - bacitracin methylene disalicylate granule

Alpharma Inc. Animal Health

Bacitracin Methylene Disalicylate**Type A Medicated Article****Antibacterial****For supplementing rations of swine, chickens, turkeys, pheasants, quail and feedlot beef cattle****ACTIVE DRUG INGREDIENT**

Each pound contains feed grade bacitracin methylene disalicylate equivalent to 60 grams bacitracin (Master Standard).

COMPOSITIONA dried precipitated fermentation product obtained by culturing *B. licheniformis* Tracy on media adapted for microbiological production of bacitracin; calcium carbonate.**For manufacturing medicated poultry and livestock feeds only****MIXING DIRECTIONS**

Prepare an intermediate premix containing 5 grams per pound by mixing 1.0 lb of BMD 60 with 11.0 lbs of soybean meal or ground corn. Then add 0.8 to 50 lbs of intermediate premix per ton of finished feed.

Species	Grams bacitracin per ton of feed	Indications for Use
Growing/finishing swine	10 - 30	For increased rate of weight gain and improved feed efficiency.
	250	For control of swine dysentery (bloody scours) associated with <i>Treponema hyodysenteriae</i> in pigs up to 250 lbs body weight. Feed 250 grams per ton of complete feed on premises with a history of swine dysentery, but where signs of the disease have not yet occurred or following an approved treatment of the disease condition. The 250 g/ton level will provide 5 to 7 mg/lb in swine weighing 40 to 250 lbs. CAUTION: Diagnosis should be confirmed by a veterinarian when results are not satisfactory. Feed containing an approved level of bacitracin methylene disalicylate should be the sole ration.
Pregnant sows	250	For control of clostridial enteritis caused by <i>C. perfringens</i> in suckling piglets when fed to sows from 14 days before through 21 days after farrowing on premises with a history of clostridial scours. CAUTION: Diagnosis should be confirmed by a veterinarian when results are not satisfactory. Feed containing an approved level of bacitracin methylene disalicylate should be the sole ration.
Broiler and replacement chickens	4 - 50	For increased rate of weight gain and improved feed efficiency.
	50	As an aid in prevention of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin methylene disalicylate.
	100 - 200	As an aid in control of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin methylene disalicylate. CAUTION: To control a necrotic enteritis outbreak, start medication at the first clinical signs of disease. The dosage range permitted provides for different

		levels based on severity of the infection. Consult a poultry diagnostic laboratory or pathologist to determine the diagnosis and advice regarding the optimal level of drug. Administer continuously for 5 - 7 days or as long as clinical signs persist, and then reduce medication to prevention level (50 g/ton).
Laying hens	10 - 25	For increased egg production and improved feed efficiency during the first seven months of production.
Growing turkeys	4 - 50	For increased rate of weight gain and improved feed efficiency.
	200	As an aid in control of transmissible enteritis in growing turkeys complicated by organisms susceptible to bacitracin methylene disalicylate.
Pheasants	4 - 50	For increased rate of weight gain and improved feed efficiency.
Quail	5 - 20	For increased rate of weight gain and improved feed efficiency in quail not over 5 weeks of age.
	200	For prevention of ulcerative enteritis in growing quail due to <i>Clostridium colinum</i> susceptible to bacitracin methylene disalicylate. Feed continuously as the sole ration.
Feedlot beef cattle	mg/head/day	
	70 (continuously)	For reduction in the number of liver condemnations due to abscesses in feedlot beef cattle.
	250 (5 days in 30)	For reduction in the number of liver condemnations due to abscesses in feedlot beef cattle.

Note: Where minimum levels are shown, increase the antibiotic concentration within approved range when necessary to fit the feeding program, and to ensure adequate levels of antibiotic in the complete ration.

Restricted Drug (California) - Use only as directed.

For Use in Animals Only.

For Use in Dry Feeds Only.

Not for Use in Liquid Type B Medicated Feeds.

NADA 46-592, Approved by FDA

Marketed by

Alpharma Inc.

Bridgewater, New Jersey 08807

Net wt 50 LB (22.68 kg)



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PRINCIPAL DISPLAY PANEL - 50 LB BAG

BMD®

60

ALPHARMA

Bacitracin Methylene Disalicylate

Type A Medicated Article


Antibacterial

See mixing directions, claims, cautions

and warnings on back

Net wt 50 LB (22.68 kg)

ALPHARMA®



60

Bacitracin Methylenedimaleate Type A Medication Article

Antibacterial

For suppressing infection of acute, subacute, fulgura, pharyngitis, quill and bacillus (oral use)

Indications	
To suppress infection of acute, subacute, fulgura, pharyngitis, quill and bacillus (oral use)	

Contraindications	
None	


Warnings	
None	

Side Effects	
None	

Dosage	
Adults	1.0 g (100 mg) 4 times a day
Children	0.5 g (50 mg) 4 times a day

Pharmacokinetics	
Half-life	1.5 h
Clearance	1.5 L/min
Volume of distribution	1.5 L
Protein binding	1.5%
Metabolism	1.5%
Excretion	1.5%

References	
1. BMD (1998) <i>Antibacterial</i> . London: BMD.	
2. BMD (1998) <i>Antibacterial</i> . London: BMD.	
3. BMD (1998) <i>Antibacterial</i> . London: BMD.	
4. BMD (1998) <i>Antibacterial</i> . London: BMD.	
5. BMD (1998) <i>Antibacterial</i> . London: BMD.	
6. BMD (1998) <i>Antibacterial</i> . London: BMD.	
7. BMD (1998) <i>Antibacterial</i> . London: BMD.	
8. BMD (1998) <i>Antibacterial</i> . London: BMD.	
9. BMD (1998) <i>Antibacterial</i> . London: BMD.	
10. BMD (1998) <i>Antibacterial</i> . London: BMD.	




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100% Satisfaction Guarantee

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